

ABSTRACT OF THE DISCLOSURE

A temperature  $T$  of the heating roller 2 is detected by a thermistor 10 and an amount of variation  $(\Delta T/\Delta t)$  per unit time  $t$  of the detected temperature  $T$  is detected. The output of a coil 4 is increased or decreased by an amount corresponding to an amount of detected temperature variation  $(\Delta T/\Delta t)$ , while the temperature  $T$  detected by the thermistor 10 is kept within an initially set range " $T_b \geq T > T_c$ ".